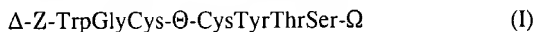




ABSTRACT

Synthetic peptides of the monomer type with 13 to 33 amino acids, in linear form or in a form cyclized by means of inter-cysteine disulphide bridges, have the general formula (I):



wherein  $\Delta$  is a biotinyl radical, a biocytinyl radical, a hydrogen atom, an acetyl ( $\text{CH}_3\text{CO-}$ ) radical, an aliphatic chain which may contain one or two thiol, an aldehyde functional group, or an amine functional group, Z represents peptide sequence  $-\Xi_1\text{-Ser-}\Xi_2\text{-}$ ,  $-\Xi_1\text{-Gln-}\Xi_2\text{-}$ , or  $-\Xi_1\text{-Asn-}\Xi_2\text{-}$ , wherein  $-\Xi_1$  represents a peptide sequence of 0 to 9 amino acids and  $-\Xi_2$  represents a peptide sequence of 0 to 5 amino acids,  $\Theta$  is -Arg Gly Arg Leu Ile- (SEQ ID NO: 15), -Arg Gly Arg Leu Val- (SEQ ID NO: 16), -Arg Gly Lys Leu Ile- (SEQ ID NO: 17), -Arg Gly Lys Leu Val- (SEQ ID NO: 18), -Lys Gly Arg Leu Ile- (SEQ ID NO: 19), or -Lys Gly Arg Leu Val- (SEQ ID NO: 20),  $\Omega$ , attached to the -CO- group of serine, is a hydroxyl (-OH) radical, an amino ( $-\text{NH}_2$ ) radical, an alkoxy radical having 1 to 6 carbon atoms, a peptide sequence of formula  $\text{Val-}\Sigma\text{-}\Psi$  wherein  $\Sigma$  represents a sequence of formula  $-(\text{AA}_1)\text{-Trp Asn-}(\text{AA}_2)\text{-}(\text{AA}_3)$  wherein  $(\text{AA}_1)$  represents an amino acid different from lysine,  $(\text{AA}_2)$  represents an amino acid, and  $(\text{AA}_3)$  is serine or a threonine residue, and  $\Psi$ , attached to the -CO- residue of the free  $\text{AA}_3$  amino acid, is OH,  $\text{NH}_2$ , or an alkoxy radical having from 1 to 6 carbon atoms, and a peptide sequence of formula -Val- $\Psi$  wherein  $\Psi$ , attached to the -CO- residue of valine, is OH,  $\text{NH}_2$ , or an alkoxy radical having from 1 to 6 carbon atoms.